



User's Guide

2008 Workshop



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1. Using the Status Maps and Directory

Welcome to the Ramona GIS Inventory

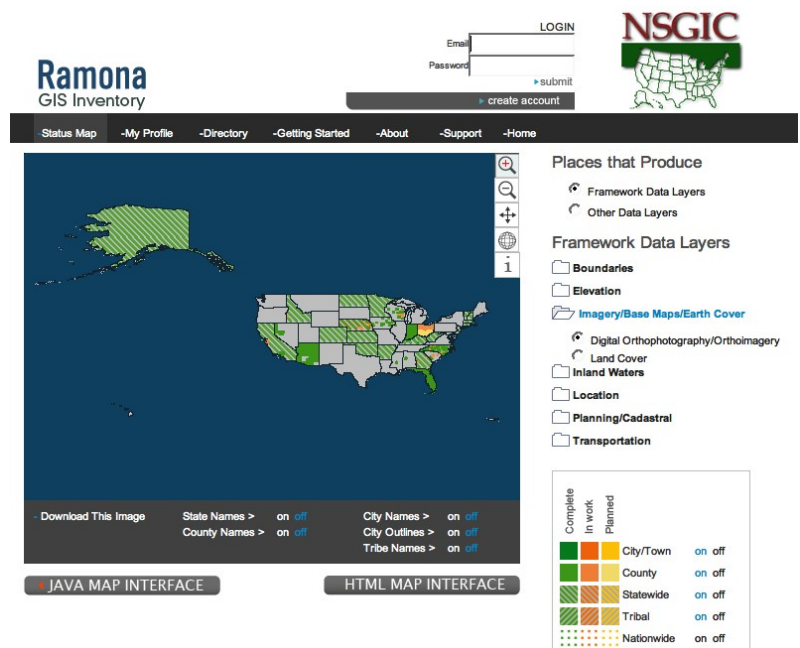
Ramona is produced by the National States' Geographic Information Council (NSGIC) as a tool for states and their partners. Its primary purpose is to track the status of GIS in US state and local government to aid the planning and building of Spatial Data Infrastructures.



Using Ramona

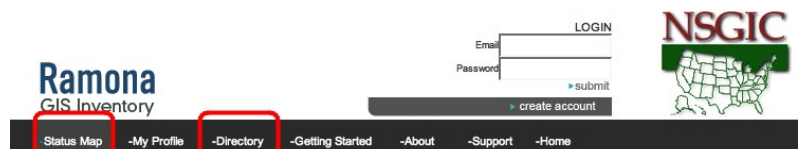
You will enter the Ramona site either through the nation-wide view as seen here (www.gisinventory.net) or a state view (with the 2-letter state abbreviation as the prefix in the URL, for example www.in.gisinventory.net).

State views help keep the information manageable for statewide organizations by limiting information to their community of practice.



Public Areas of Ramona Do Not Require Registration

The public is free to use the Ramona status maps and directory without a user account. This lesson explains how to use these public areas.



Status Maps

Status Maps show where geospatial data exist and their current status.

1. The map tools magnify/zoom, pan, and identify to help you navigate the map.

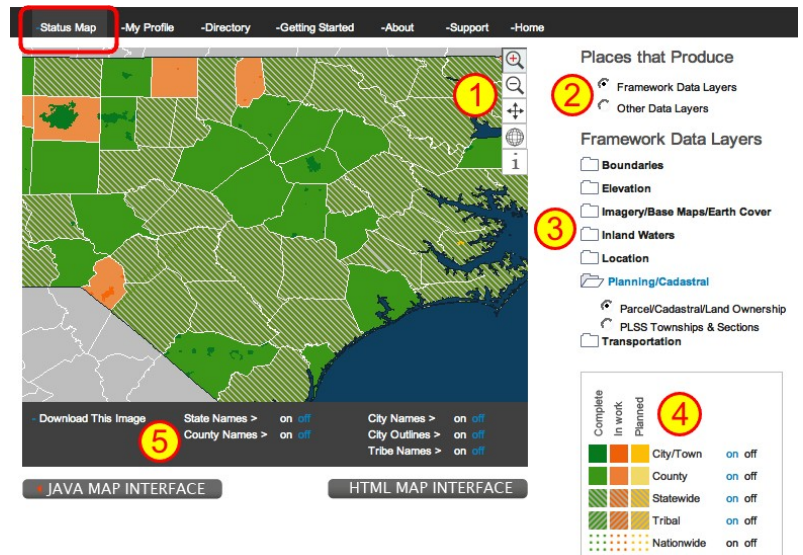
2. Ramona contains an inventory of over 200 GIS data layers. They are divided into "framework" and "other" data layers. Framework data are the data most needed, most of the time, by the most users. Ramona features these since they are so important for planning spatial data infrastructures.

3. Folders contain categories of geospatial data - click on a folder and select your data layer of interest.

4. The map key (legend) explains how the map is color-coded by the status of geospatial data (colored by complete, in work, and planned; shaded by the level of geography that is represented).

Clicking on/off in the map key will control how you view responses by level of geography. For example, reported nation-wide data layer coverage is turned off by default - click "on" to see if there is nationwide coverage of a particular data layer.

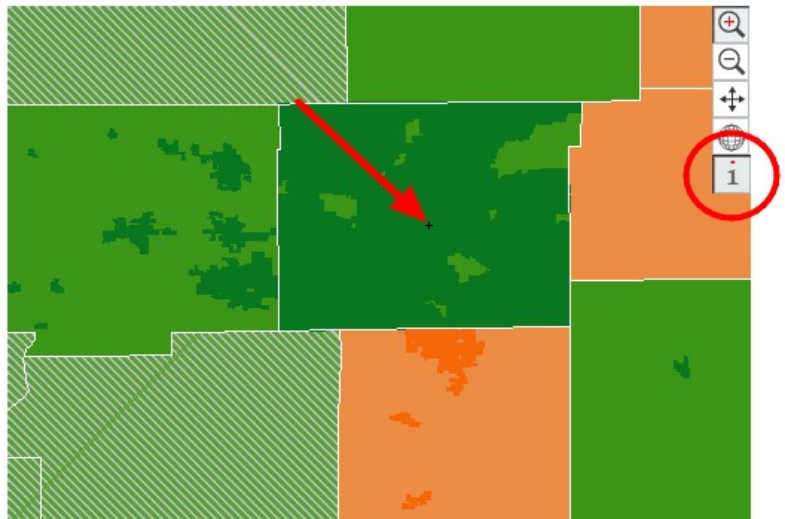
5. At the bottom of the map, you can turn map name labels on/off. You can also download a copy of the map image for use in presentations or reports.



Request Status Map Information

After selecting your data layer of interest, you can click the information "i" button from the map tools to see details of that data for the location you clicked.

1. Click a location on the map to return results for that location.
2. Scroll down your screen to view the information.



View Status Map Information

When you scroll down your screen you will see the results of your information request. Organization and contact names are listed for Ramona users who have reported they have geospatial data for your area of interest. The status, scale and production date are listed for quick reference.

If available, contact names and organizations are hyperlinked to web URLs.

Parcel/Cadastral/Land Ownership

Query Results

| COUNTY | COUNTY FIPS | STATE | STATE FIPS | SQUARE MILES |
|--------|-------------|-------|------------|--------------|
| MARION | 18097 | IN | 18 | 402.90 |

CITY - INDIANAPOLIS

| Org | Name | Status | Scale | Production Date |
|-----------------------------------|--------------|----------|--------------------|-----------------|
| IMAGIS | Jim Stout | Complete | 1:1200 (1in=100ft) | 2005 |
| no description provided | | | | |
| westview neighborhood association | Mary Bussing | Planned | 1:1200 (1in=100ft) | 2006 |
| no description provided | | | | |

COUNTY - MARION


| Org | Name | Status | Scale | Production Date |
|-----------------------------------|--------------|----------|--------------------|-----------------|
| IMAGIS | Jim Stout | Complete | 1:1200 (1in=100ft) | 2005 |
| no description provided | | | | |
| westview neighborhood association | Mary Bussing | Planned | 1:1200 (1in=100ft) | 2006 |
| no description provided | | | | |

STATE WIDE

| Org | Name | Status | Scale | Production Date |
|---|------------------|----------|----------------------|-----------------|
| Farmer | Wilford Kuhn | Complete | 1:1200 (1in=100ft) | |
| no description provided | | | | |
| Garciaserra Realty Group, LLC | Tony Garciaserra | Complete | | |
| no description provided | | | | |
| Indiana State Department of Agriculture | Deb Fairhurst | Complete | 1:24000 (1in=2000ft) | |
| no description provided | | | | |

Directory

Registered users of Ramona are listed in the directory. You do not need to be a registered user to search the directory. NSGIC has strict policies for NOT using Ramona to create mass mailing lists. Users must type a security code at the beginning of each search session. This prevents web crawlers from harvesting your contact information in Ramona.




LOGIN

Email

Password

submit

create account



[-Status Map](#)
[-My Profile](#)
[Directory](#)
[-Getting Started](#)
[-About](#)
[-Support](#)
[-Home](#)

Ramona Directory

BROWSE ALPHABETICALLY

[A](#)
[B](#)
[C](#)
[D](#)
[E](#)
[F](#)
[G](#)
[H](#)
[I](#)
[J](#)
[K](#)
[L](#)
[M](#)
[N](#)
[O](#)
[P](#)
[Q](#)
[R](#)
[S](#)
[T](#)
[U](#)
[V](#)
[W](#)
[X](#)
[Y](#)
[Z](#)

ENTER SEARCH TERMS

First Name:
Last Name:

Organization Name:

County:

Application Area:

Organization Type:

* search results are alphabetical by last name

Directory Search

You can search for a Ramona registered user by filling in a single search term or a combination of search terms.

Search the directory using the first letter(s) or full first- or last-name, organization name, or county. You can also search by selecting an application area or organization type from the drop-down menus.

Please note: If you are using a state version of Ramona (e.g., www.in.gisinventory.net) you will be searching the directory only for that state.

Ramona Directory

BROWSE ALPHABETICALLY

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

ENTER SEARCH TERMS

First Name: Last Name:

Organization Name:

County:

Application Area:

Organization Type:

* search results are alpha

Page 1 | Page 2 | Page 3 | Page 4 | Page 5 | Page 6 | Page 7 | Page 8 | Page 9 | Page 10 | Page 11 | Page 12 | Page 13 | Page 14 | Page 15 | Page 16 |

Displaying 1 - 20 of 30

new search

Contact Information

Eric Abrams

Work Phone: 515 230

Administration & Finance

Agriculture

Assessments & Taxation

Auditor

Building Commission

Central Dispatch

Construction & Development

Consultant

Cooperative Extension Service

Economic Development

Education/Schools

Elections

Emergency Management

Emergency Medical Services

Engineering

Environmental Management

Fire Operations

Geology

GIS/Mapping

Organization Information

wa Department of Transportation

2. Creating An Account / Login

Welcome to the Ramona GIS Inventory

Ramona is produced by the National States' Geographic Information Council (NSGIC) as a tool for states and their partners. Its primary purpose is to track the status of GIS in US state and local government to aid the planning and building of Spatial Data Infrastructures.



New Users Create Account (1)

Registration is easy, open to anyone, and free of charge. Information collected by the Ramona GIS Inventory System is used to support local, regional, statewide, and national planning efforts and to help build Spatial Data Infrastructures. It is also used to promote partnership opportunities for data creation efforts. Registered users create profiles for their organization, systems, and data.

New users must create an account in order to be registered. Registered users benefit from being able to create their own user reports and automatically generate starter metadata from their responses (for users who do not already create metadata).

A screenshot of the Ramona GIS Inventory website's registration page. At the top, there is a navigation bar with links: Status Map, My Profile, Directory, Getting Started, About, Support, and Home. To the right of the navigation bar is a "LOGIN" section with fields for Email and Password, and a "create account" link highlighted with a red rectangle. Below the navigation bar, there is a section for "already have an account" and a "About You" section with fields for Preferred Salutation, First Name, Middle Name, Last Name, and Preferred Suffix. Below that is a "Professional Contact Information" section with fields for Name of your organization, Title, and a dropdown menu for "Which of these titles most closely describes your position?". There is also a field for "Street Address". The NSGIC logo is visible in the top right corner.

New Users Create Account (2)

After completing your contact information, carefully enter your email address. Note that your email address will be your user name when you login.

Enter a password for your account.

Click "Create User."

City Name:
State:
Alabama
County:
Zip Code: (5-digit)
Work Telephone Number:
Work Fax Number:
Work Cell Number:
Login Information:
Work E-mail address (NOTE: YOUR EMAIL ADDRESS WILL BE YOUR USER NAME WHEN YOU LOGIN):
Password (six to ten characters):
Password again (six to ten characters):
Create User
Privacy Statement Liability Statement

Registered User Login (1)

Log-in at the top right side of the header or on the "My Profile" tab.

Ramona GIS Inventory
-Status Map -My Profile -Directory -Getting Started -About -Support -Home
LOGIN
Email: info@gisinventory.net
Password: *****
submit
create account
NSGIC

Registered User Login (2)

Your login name is your email address. If your email address changes, you are responsible for logging-in under your old email address and updating your log-in information under the User Profile section.

If you forget your password, click "forgot your password?" and your password will be emailed to you. Registered users can visit the site and update their Profile as often as desired.

-Status Map -My Profile -Directory -Getting Started -About -Support -Home
New users must create an account in order to be registered. Your login name is your email address. If your email address changes, you are responsible for logging-in under your old email address and updating your log-in information under the User Profile section.
LOGIN
Email Address: info@gisinventory.net
Password: *****
Login
forgot your password?
new to ramona?
create a new account
getting started guide

3. Your Profile

Welcome to the Ramona GIS Inventory

Ramona is produced by the National States' Geographic Information Council (NSGIC) as a tool for states and their partners. Its primary purpose is to track the status of GIS in US state and local government to aid the planning and building of Spatial Data Infrastructures.



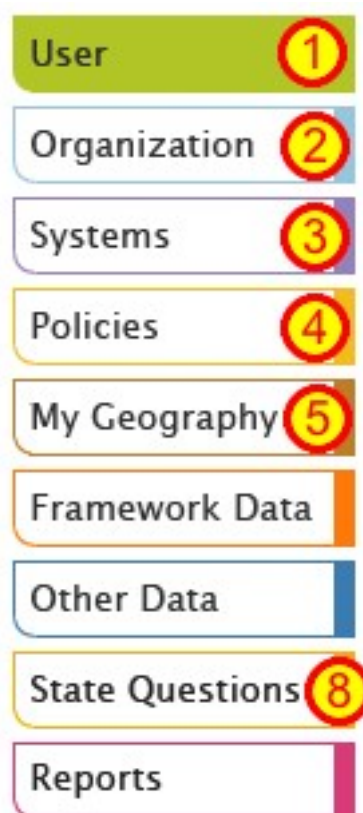
How the GIS Inventory is Organized

The Ramona GIS Inventory is divided into sections under "My Profile." They include:

- * User Profile
- * Organizational Profile
- * Systems Profile
- * Policies Profile
- * My Geography
- * Framework Data Profile
- * Other Data Profile
- * State Questions (If Required)
- * Metadata

Please complete all relevant information in tabs 1-5, because it is critical to the report and metadata functions of the system. In addition, please provide answers to all questions in tab 8 (State Questions) if it appears, because this information is needed to improve statewide coordination efforts in your state.

You will only see the "State Questions" tab under "My Profile" when the administrator for your state adds specific questions that they need users to answer. These questions are



important for statewide GIS coordination efforts and we encourage you to complete them.

User Profile

When you login, you will see the User Profile section. The information you entered when you created your account is listed in this section. You can change/update this information at any time.

Users estimate that it takes between 10 and 25 minutes to fully complete the first five sections of the inventory. After completing these sections you will be able to inventory each of your individual data layers at any time in the future using the "Framework Data Profile" or "Other Data Profile" sections. Users estimate that it takes between 30 seconds and two minutes to inventory each individual data layer. You should only inventory data that you or your organization has created or substantially modified, either directly or through contractual services. You should not document data produced by other entities that you use in your operation.

***BEST PRACTICE:** NSGIC recommends users review and update their Ramona profile at least once per year.*

LOGIN

Email:jsaligoe@iupui.e

Password:*****

submit

create account

NSGIC

Ramona

GIS Inventory

-Status Map

My Profile

-Directory

-Getting Started

-About

-Support

-Home

Welcome Jill Saligoe-Simmel

Logout

User Profile

User

Organization

Systems

Policies

My Geography

Framework Data

Other Data

Reports

Login Successful.

save

1. Preferred Salutation

Dr.

2. First Name:

Jill

3. Middle Name:

L.

4. Last Name:

Saligoe-Simmel

5. Preferred Suffix:

Logout

Professional Contact Information

6. Name of your organization:

Indiana Geographic Information Council, Inc. (IGIC)

7. Title:

Project Manager/Director

Registering to State Ramona Systems / Changing E-mail

1. At the bottom of your User Profile, you will select the state(s) in which you live and/or work. This information is used to "assign" you to your state's version of Ramona. This helps keep information manageable for statewide GIS coordination and communities of practice.

2. You can update your email address from the User Profile. Remember your email address is your user name when you login to Ramona.

21. States where you live and/or work

Please choose the state(s) in which you live and/or work. These will be the state(s) that your profile will be registered with for tools such as state-specific directory searches.

Note that under the "My Geography" section you will be asked about the geographic coverage of your data - this is different than the states in which you live and/or work.

States

| | | |
|---|---|--|
| <input type="checkbox"/> Alabama | <input type="checkbox"/> Maryland | <input type="checkbox"/> Rhode Island |
| <input type="checkbox"/> Alaska | <input type="checkbox"/> Massachusetts | <input type="checkbox"/> South Carolina |
| <input type="checkbox"/> Arizona | <input type="checkbox"/> Michigan | <input type="checkbox"/> South Dakota |
| <input type="checkbox"/> Arkansas | <input type="checkbox"/> Minnesota | <input type="checkbox"/> Tennessee |
| <input type="checkbox"/> California | <input type="checkbox"/> Mississippi | <input type="checkbox"/> Texas |
| <input type="checkbox"/> Colorado | <input type="checkbox"/> Missouri | <input type="checkbox"/> U.S. Virgin Islands |
| <input type="checkbox"/> Connecticut | <input type="checkbox"/> Montana | <input type="checkbox"/> Utah |
| <input type="checkbox"/> Delaware | <input type="checkbox"/> Nebraska | <input type="checkbox"/> Vermont |
| <input type="checkbox"/> District of Columbia | <input type="checkbox"/> Nevada | <input type="checkbox"/> Virginia |
| <input type="checkbox"/> Florida | <input type="checkbox"/> New Hampshire | <input type="checkbox"/> Washington |
| <input type="checkbox"/> Georgia | <input type="checkbox"/> New Jersey | <input type="checkbox"/> West Virginia |
| <input type="checkbox"/> Hawaii | <input type="checkbox"/> New Mexico | <input type="checkbox"/> Wisconsin |
| <input type="checkbox"/> Idaho | <input type="checkbox"/> New York | <input type="checkbox"/> Wyoming |
| <input type="checkbox"/> Illinois | <input type="checkbox"/> North Carolina | |
| <input checked="" type="checkbox"/> Indiana | <input type="checkbox"/> North Dakota | |
| <input type="checkbox"/> Iowa | <input type="checkbox"/> Ohio | |
| <input type="checkbox"/> Kansas | <input type="checkbox"/> Oklahoma | |
| <input type="checkbox"/> Kentucky | <input type="checkbox"/> Oregon | |
| <input type="checkbox"/> Louisiana | <input type="checkbox"/> Pennsylvania | |
| <input type="checkbox"/> Maine | <input type="checkbox"/> Puerto Rico | |

Login Information

22. Work E-mail address (NOTE: YOUR EMAIL ADDRESS WILL BE YOUR USER NAME WHEN YOU LOGIN):

Organization Profile (and what happens if you leave your job)

Organization information is important for statewide geospatial planning. It is also used when searching the Ramona directory. List your organization's web site and all application areas relevant to your organization.

The remainder of the Ramona profile deals primarily with your organization's systems, policies, and data.

BEST PRACTICE: If you leave your job we ask that you notify your statewide GIS coordinator or the Ramona system administrator (info@gisinventory.net). We can reassign your organization information to a new/temporary person and help you create a new account.

User

Organization

Systems

Policies

My Geography

Framework Data

Other Data

Reports

Logout

Organization Profile

save

Indiana Geographic Information Council, Inc. (IGIC)

1. Organization Type:
Statewide

Other Organization Type (Please list):
not-for-profit

2. Organization Web Address:
<http://www.igic.org>

3. Does your organization create GIS data (either directly or through a contractor)?
☒ Yes
☐ No

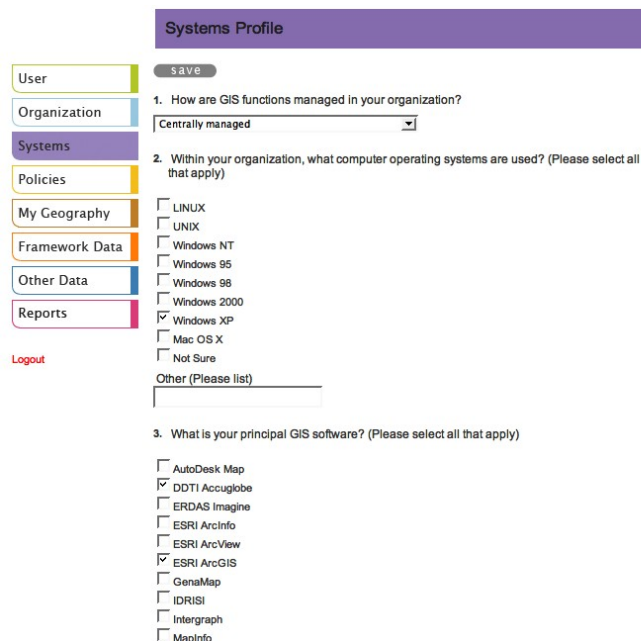
4. Application Area - Select the term(s) that most closely describes the function of your organization (Please select all that apply):

| | |
|---|---|
| <input type="checkbox"/> Administration & Finance | <input checked="" type="checkbox"/> GIS/Mapping |
| <input type="checkbox"/> Agriculture | <input type="checkbox"/> Health & Human Services |
| <input type="checkbox"/> Assessments & Taxation | <input type="checkbox"/> Historical Preservation/Archeology |

Systems Profile

The Systems Profile is where you document important information regarding software, online mapping applications, and the projection/coordinate information of your data.

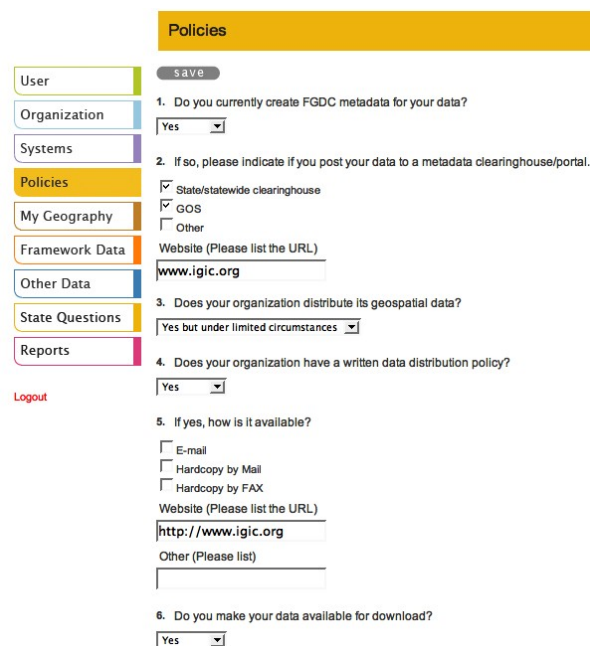
This information is important for documenting your data and for the automatic generation of starter metadata (for users who do not already create metadata).



The screenshot shows the 'Systems Profile' form. On the left is a sidebar with navigation links: User, Organization, Systems (highlighted), Policies, My Geography, Framework Data, Other Data, and Reports. Below the sidebar is a 'Logout' link. The main content area has a purple header 'Systems Profile' and a 'save' button. The form contains three numbered questions: 1. 'How are GIS functions managed in your organization?' with a dropdown menu set to 'Centrally managed'. 2. 'Within your organization, what computer operating systems are used? (Please select all that apply)' with checkboxes for LINUX, UNIX, Windows NT, Windows 95, Windows 98, Windows 2000, Windows XP (checked), Mac OS X, and Not Sure, plus an 'Other (Please list)' text field. 3. 'What is your principal GIS software? (Please select all that apply)' with checkboxes for AutoDesk Map, DDTI Accuglobe (checked), ERDAS Imagine, ESRI ArcInfo, ESRI ArcView, ESRI ArcGIS (checked), GenaMap, IDRISI, Intergraph, and MapInfo.

Policies

Your organization's policies communicate under what circumstances you make your data available. Your policies have an important influence on the development of spatial data infrastructures.



The screenshot shows the 'Policies' form. On the left is a sidebar with navigation links: User, Organization, Systems, Policies (highlighted), My Geography, Framework Data, Other Data, State Questions, and Reports. Below the sidebar is a 'Logout' link. The main content area has a yellow header 'Policies' and a 'save' button. The form contains six numbered questions: 1. 'Do you currently create FGDC metadata for your data?' with a dropdown menu set to 'Yes'. 2. 'If so, please indicate if you post your data to a metadata clearinghouse/portal.' with checkboxes for State/statewide clearinghouse (checked), GOS (checked), and Other. 3. 'Does your organization distribute its geospatial data?' with a dropdown menu set to 'Yes but under limited circumstances'. 4. 'Does your organization have a written data distribution policy?' with a dropdown menu set to 'Yes'. 5. 'If yes, how is it available?' with checkboxes for E-mail, Hardcopy by Mail, and Hardcopy by FAX, plus a 'Website (Please list the URL)' text field containing 'http://www.igic.org' and an 'Other (Please list)' text field. 6. 'Do you make your data available for download?' with a dropdown menu set to 'Yes'.

My Geography (1)

Your geography is required information for the Ramona status maps and starter metadata. Please select the geographic area(s) that best represent the geographic extent for your GIS data.

Although you set your default geography here, you can always modify your geography on a layer-by-layer basis when you inventory individual data sets.

This is a two step section if your data are not nationwide or statewide.

My Geography

1 States your data covers 2 Places your data covers

save

Is the geographic extent of your data typically nation-wide?

☒ Yes
☐ No

If yes, please save and proceed to the data profiles

[framework data](#) [other data](#)

If no, please select the state(s) that best represent the geographic extent of your GIS data.

| | | |
|---|---|--|
| <input type="checkbox"/> Alabama | <input type="checkbox"/> Louisiana | <input type="checkbox"/> Oklahoma |
| <input type="checkbox"/> Alaska | <input type="checkbox"/> Maine | <input type="checkbox"/> Oregon |
| <input type="checkbox"/> Arizona | <input type="checkbox"/> Maryland | <input type="checkbox"/> Pennsylvania |
| <input type="checkbox"/> Arkansas | <input type="checkbox"/> Massachusetts | <input type="checkbox"/> Puerto Rico |
| <input type="checkbox"/> California | <input type="checkbox"/> Michigan | <input type="checkbox"/> Rhode Island |
| <input type="checkbox"/> Colorado | <input type="checkbox"/> Minnesota | <input type="checkbox"/> South Carolina |
| <input type="checkbox"/> Connecticut | <input type="checkbox"/> Mississippi | <input type="checkbox"/> South Dakota |
| <input type="checkbox"/> Delaware | <input type="checkbox"/> Missouri | <input type="checkbox"/> Tennessee |
| <input type="checkbox"/> District of Columbia | <input type="checkbox"/> Montana | <input type="checkbox"/> Texas |
| <input type="checkbox"/> Florida | <input type="checkbox"/> Nebraska | <input type="checkbox"/> U.S. Virgin Islands |
| <input type="checkbox"/> Georgia | <input type="checkbox"/> Nevada | <input type="checkbox"/> Utah |
| <input type="checkbox"/> Hawaii | <input type="checkbox"/> New Hampshire | <input type="checkbox"/> Vermont |
| <input type="checkbox"/> Idaho | <input type="checkbox"/> New Jersey | <input type="checkbox"/> Virginia |
| <input type="checkbox"/> Illinois | <input type="checkbox"/> New Mexico | <input type="checkbox"/> Washington |
| <input checked="" type="checkbox"/> Indiana | <input type="checkbox"/> New York | <input type="checkbox"/> West Virginia |
| <input type="checkbox"/> Iowa | <input type="checkbox"/> North Carolina | <input type="checkbox"/> Wisconsin |
| <input type="checkbox"/> Kansas | <input type="checkbox"/> North Dakota | <input type="checkbox"/> Wyoming |
| <input type="checkbox"/> Kentucky | <input type="checkbox"/> Ohio | |

[Logout](#)

My Geography (2)

You can select single or multiple counties/parishes, cities/towns/villages, and tribal lands. DO NOT hold down the CTRL key or Command key to select multiple jurisdictions. Simply click to activate your choices and click a second time to remove them.

Note that if you select a county(s)/parish(s), you do not need to select cities/towns/villages within that county/parish. It is assumed your data cover these areas - if they do not you can note it in the optional free-text description when you inventory individual data sets (see next step).

BEST PRACTICE: If your data cover a watershed or other irregular (non-political) boundary, select the state(s), counties(s), etc. that most closely represent the extent of your data.

My Geography

1 States your data covers 2 Places your data covers

save

Please select the geographic area(s) that best represent the geographic extent for your GIS data.

DO NOT hold down the CTRL key or Command key

| Counties/Parishes select all deselect all | Cities/Towns/Villages select all deselect all | Tribal Lands select all deselect all |
|--|--|---|
| Adams County, IN | Advance, IN | |
| Allen County, IN | Akron, IN | |
| Bartholomew County, IN | Alamo, IN | |
| Benton County, IN | Albany, IN | |
| Blackford County, IN | Albion, IN | |
| Boone County, IN | Alexandria, IN | |
| Brown County, IN | Aiffordsville, IN | |
| Carroll County, IN | Alton, IN | |
| Cass County, IN | Altona, IN | |
| Clark County, IN | Ambsia, IN | |
| Clay County, IN | Amboy, IN | |
| Clinton County, IN | Amo, IN | |
| Crawford County, IN | Anderson, IN | |
| Davies County, IN | Andrews, IN | |
| Dearborn County, IN | Angola, IN | |
| Decatur County, IN | Arcadia, IN | |
| DeKalb County, IN | Argos, IN | |
| Delaware County, IN | Ashley, IN | |
| Dubois County, IN | Atlanta, IN | |
| Elkhart County, IN | Attica, IN | |
| Fayette County, IN | Auburn, IN | |
| Floyd County, IN | Aurora, IN | |
| Fountain County, IN | Austin, IN | |
| Franklin County, IN | Avilla, IN | |
| Fulton County, IN | Avon, IN | |
| Gibson County, IN | Bainbridge, IN | |
| Grant County, IN | Bargersville, IN | |
| Greene County, IN | Bass Lake, IN | |
| Hamilton County, IN | Batesville, IN | |

save

Inventorying Data

Ramona inventories all layers with five basic questions:

1. Progress
2. Source
3. Scale
4. Production Date
5. Update Frequency

There is an optional free-text layer description if you want to provide more information about your data set.

For most fields you select a response from a drop-down list (select the answer that most closely represents your data).

The screenshot shows a form with five main sections: Progress, Source, Scale, Production Date, and Update Frequency. Each section has a dropdown menu. Below these is a text field for 'layer description' with a '(max 255 chars)' label.

Framework Data

Framework data are the data most needed, most of the time, by the most users. Ramona features these since they are so important for planning spatial data infrastructures.

Users estimate that it takes between 30 seconds and two minutes to inventory each individual data layer. You should only inventory data that you or your organization has created or substantially modified, either directly or through contractual services. You should not document data produced by other entities that you use in your operation.

1. Select a data category.
2. Complete the inventory questions.
3. For framework data only, some data sets have additional questions that are vital for planning purposes.
4. If you have more than one data set for the layer listed, you can click the "+"

The screenshot shows the 'Framework Data' interface. On the left is a sidebar with categories: User, Organization, Systems, Policies, My Geography, Framework Data (highlighted), Other Data, State Questions, and Reports. The main area has a table with columns: Boundaries, Location, Elevation, Planning Cadastral, and a row for 'Inland Water' with a '+' icon. Below the table is a link to 'Download the complete layer list'. The 'Orthophotography' layer is selected, showing a 'save' button and a note: '* To duplicate a layer click the plus symbol (+) next to the layer name'. The form for 'Orthophotography' includes fields for Progress (Complete), Source (Orthoimagery), Scale (1:4800 (1in=400ft)), Production Date (2005), and Update Frequency (None Planned). It also has a text field for 'layer description' and a 'persistent URL' field. Below these are sections for 'Geography' (default geography, change geography), 'Metadata' (publish to GOS, download metadata), and a series of questions: 'What is the approximate ground resolution of this product?' (12 inches), 'What is the horizontal accuracy?' (5 feet), 'What is the image type?' (Natural Color), and 'What are the leaf cover conditions of these data?' (Leaf-off).

sign to duplicate the layer in the inventory.

Optional Geography

In the My Geography section above, you selected a geographic extent for the GIS data that are inventoried by Ramona. That is your default geography used for all layers you inventory. If you have a different geographic extent for a data layer, you can now edit the default geographic extent.

The optional Geography section shown here will indicate the geographic extent is being used for each layer (either your default geography, or a changed geography that you have defined - see next step).

Changing Geography

When you click "edit geography" you will be presented a screen verifying that you are choosing a specific geography for your layer of interest.

1. When you create a new geography, enter an alias name to refer to this geography. Ramona will save the new geography in case you want to use it again for other data layers that you inventory. Follow the directions from My Geography to set the geographic extent. You can create multiple new geographies.

2. If you have already created a new geography, you can re-use it by selecting its alias name from the drop-down list and clicking "add to layer."

3. You can edit a saved geography by selecting its alias name from the drop-down list and clicking edit geography.

4. You can delete a saved geography by selecting its alias name from the drop-down list and clicking delete

You are choosing a specific geography for your,

Digital Elevation Model (DEM) layer

scale: 1:7200 (1in=600ft)
description: Near bare earth DEM produced from ADS40 and ISTAR processing
production date: 2005

Step 1

Choose one of your existing geographies

Delaware

add to layer

edit geography

delete geography

Or

Create a new geography

Enter an alias name to refer to this geography

Please select the state(s) that best represent the geographic extent of your GIS data for this layer.

| | | |
|--------------------------------------|--|---|
| <input type="checkbox"/> Alabama | <input type="checkbox"/> Louisiana | <input type="checkbox"/> Oklahoma |
| <input type="checkbox"/> Alaska | <input type="checkbox"/> Maine | <input type="checkbox"/> Oregon |
| <input type="checkbox"/> Arizona | <input type="checkbox"/> Maryland | <input type="checkbox"/> Pennsylvania |
| <input type="checkbox"/> Arkansas | <input type="checkbox"/> Massachusetts | <input type="checkbox"/> Puerto Rico |
| <input type="checkbox"/> California | <input type="checkbox"/> Michigan | <input type="checkbox"/> Rhode Island |
| <input type="checkbox"/> Colorado | <input type="checkbox"/> Minnesota | <input type="checkbox"/> South Carolina |
| <input type="checkbox"/> Connecticut | <input type="checkbox"/> Mississippi | <input type="checkbox"/> South Dakota |

Starter Metadata

Approximately 75% of GIS users don't create metadata to document their GIS data holdings! Ramona automatically generates standards-compliant starter metadata.

Geography

default geography | change geography

Metadata

☒ publish to GOS | download metadata

1

full metadata web address/URL

2

(max 255 chars)

1. If you don't already produce and publish metadata, Ramona can publish a starter metadata record to the Geospatial One-Stop portal (this is checked by default). You can download your starter metadata and use it with your data as nature intended.
2. If you already produce full Content Standard for Digital Geospatial Metadata (CSDGM) metadata, you can provide a web link (URL) to the complete metadata record. Do not enter information on this line if the URL routinely changes, unless you are committed to keeping it up-to-date.

Other Data

Continue to inventory your other data layers in the "Other Data" section.

1. Select a category and layer name most closely describing your data.
2. For a complete listing of data layers in Ramona, you can download the complete layer list (it is a searchable .pdf file).
3. The standard five questions and optional free-text description are listed for every data layer.

Other Data

User

Organization

Systems

Policies

My Geography

Framework Data

Other Data

State Questions

Reports

Biota

Boundaries

Environment

Health

Farming

Location

Structures

Utilities and Communication

Geo-Scientific Information

Intelligence/Military

Planning/Cadastral

Society

Oceans and Estuaries

> Download the complete layer list

2

Utilities and Communication

Help

SAVE

* To duplicate a layer click the plus symbol (+) next to the layer name

Broadcast Service Area

3

Progress

Source

Scale

Production Date

Update Frequency

layer description

(max 255 chars)

Geography

default geography | change geography

Metadata

☒ publish to GOS | download metadata

1

full metadata web address/URL

2

(max 255 chars)

Cable Provider Areas

Progress

Source

Scale

Production Date

Update Frequency

layer description

(max 255 chars)

State Specific Questions

You will only see the "State Questions" tab under "My Profile" when the administrator for your state adds specific questions that they need users to answer. These questions are important for statewide GIS coordination efforts and we encourage you to complete them.

User

Organization

Systems

Policies

My Geography

Framework Data

Other Data

State Questions

Reports

Logout

State Specific Questions

1. Which of the 2005 IndianaMap Orthophotography or Elevation products have you used?

☒ Color 1-foot orthophotography

☒ Color 6-inch orthophotography

☒ Color township mosaics orthophotography

☐ Color county mosaics orthophotography

☐ Color-Infrared (IR) 1-meter orthophotography

☒ Digital Elevation Model (DEM)

☒ Digital Surface Model (DSM)

☐ Not Sure

☐ None

2. Based on prior experience, how often do you require new/updated orthophotography for your jurisdiction/projects?

☐ Every 1 yr

☐ Every 2 yrs

☒ Every 3 yrs

☐ Every 4 yrs

☐ Every 5 yrs

☐ Less frequently than 5 years

☐ Other

☐ No updates needed

☐ Not applicable

3. Would your organization realize a cost-savings by having regularly updated orthophotography? If yes, please estimate the annual savings to your jurisdiction.

Yes

Reports

You can use Ramona reports to share information on your systems, policies, and data.

After you have completed your Profile, you can view and download a report of your responses. Keep a copy of your report as a permanent record and use it as a quick way to reference information contained in your profile.

User

Organization

Systems

Policies

My Geography

Framework Data

Other Data

State Questions

Reports

Logout

Reports

[View your User Summary.](#)

[Download your User Summary in PDF format.](#)

User Profile:

| | |
|---|------------|
| Created: | 04/24/2006 |
| Last Updated: | 05/30/2007 |
| User Type: | |
| (1-5) Name: | |
| 6 Organization: | |
| 7 Title: | |
| 8 Position: | |
| Position Other: | |
| 9 Building Name: | |
| 10 Mail Stop: | |
| 11 Street Address 1: | |
| 12 Street Address 2: | |
| 13 City: | |
| 14 County: | |
| 15 State: | |
| 16 Zip Code: | |
| 17 Work Telephone: | |
| 18 Work Fax: | |
| 19 Work Cell: | |
| 19 Is it OK to include user's contact information in the GIS Contact Directory? | Yes |
| 20 Is it ok to send you emails regarding ramona news and system status? | Yes |

4. Starter Metadata

Welcome to the Ramona GIS Inventory

Ramona is produced by the National States' Geographic Information Council (NSGIC) as a tool for states and their partners. Its primary purpose is to track the status of GIS in US state and local government to aid the planning and building of Spatial Data Infrastructures.



A Multi-Purposed Inventory System

Ramona is first and foremost a GIS inventory system. Before Ramona, GIS users everywhere were asked to complete GIS surveys/inventories every year - and sometimes multiple uncoordinated surveys a year.

Ramona provides a single, consistent, living inventory for every state and all levels of government. That means more efficient data collection, more consistent responses, and great time-savings for users.

But NSGIC realized Ramona could be even more. Most GIS inventories asked questions similar to information documented in metadata. NSGIC knew that approximately 75% of GIS users still weren't "doing metadata." So we multi-purposed Ramona. As an added benefit to users, Ramona will automatically generate [FGDC Content Standard for Digital Geospatial Metadata](#) starter metadata based on your responses to the inventory. (Users who already create full FGDC Content Standard for Digital Geospatial Metadata (CSDGM) metadata can

A screenshot of the Ramona GIS Inventory web application. On the left is a vertical navigation menu with links: "My Geography", "Framework Data" (highlighted in orange), "Other Data", "State Questions", and "Reports". Below the menu is a "Logout" link. The main content area is titled "Orthophotography" with links for "> Help" and "> More boundary data layers". Below the title is a "save" button and a note: "* To duplicate a layer click the plus symbol (+) next to the layer name". The form contains several sections: "Progress" with a "Complete" dropdown, "Source" with a dropdown for "Orthoimagery", "Scale" with a dropdown for "1:4800 (1in=400ft)", "Production Date" with a dropdown for "2005", and "Update Frequency" with a dropdown for "None Planned". The "layer description" section has a text input field containing "Color Statewide TIFF tiles and MrSids (1' and 6" (max 255 chars)". Below this is a "Geography" section with "default geography" and "change geography" links. The "Metadata" section has a "publish" checkbox checked, a "GOS" link, a "download metadata" link, and a "full metadata web address/URL" text input field (max 255 chars). At the bottom are four questions with dropdown menus: "What is the approximate ground resolution of this product?" (12 inches), "What is the horizontal accuracy?" (5 feet), "What is the image type?" (Natural Color), and "What are the leaf cover conditions of these data?" (Leaf-off).

ignore this feature.)

Inventory Information Translates to Metadata

In your Profile, Ramona is inventorying information about you, your organization, your data management policies and the status of your GIS data. This information is important for local, regional, statewide, and national GIS planning and investments. It is also an important component of your metadata - documentation of your data sets.

Behind the scenes, Ramona stores your responses in a normalized database that can be "harvested" and inserted into carefully designed metadata templates.

Users estimate that it takes between 30 seconds and two minutes to inventory each individual data layer. That layer information is combined with user contact information, organization information, systems and policy information from your profile.

Starter metadata becomes quick and painless!

User

Organization

Systems

Policies

My Geography

Framework Data

Other Data

State Questions

Reports

Starter Metadata

As a service to you, Ramona automatically generates starter metadata based on the CSDGM metadata standard.

The resulting metadata is only minimally compliant with the CSDGM. It does not include important data quality, attribute and other information. Basic metadata from Ramona is

```
<?xml version="1.0" encoding="UTF-8"?>
<metadata>
  <idinfo>
    <citation>
      <origin>
        Indiana Geographic Information Council, Inc. (IGIC)
      </origin>
      <pubdate>2005</pubdate>
    </citation>
    <title>
      Digital Orthophotography/Orthoimagery Color Statewide TIFF tiles and MrSids (1' and 6 2005, in Indiana (Indiana Geographic Information Council, Inc. (IGIC), 1:4800 (1in=400ft))
    </title>
    <geoterm>Map</geoterm>
    <pubinfo>
      <pubplace>Indianapolis, IN</pubplace>
      <pubinfo>
        Indiana Geographic Information Council, Inc. (IGIC)
      </pubinfo>
    </pubinfo>
    <othercits>ramona_metadata_31_13.xml</othercits>
    <onlink>http://www.igic.org/onlink>
    <onlink>http://129.79.145.5/arcims/framework/index.html</onlink>
  </idinfo>
  <abstract>
    This starter metadata was automatically generated through the Ramona GIS Inventory System (www.gisinventory.net) and does not document all of the information that may be available about this data set. Digital Orthophotography/Orthoimagery is a GIS data set covering the geographic area of Indiana. It is described as Color Statewide TIFF tiles and MrSids (1' and 6. The producer of this data set typically uses Transverse Mercator projection and UTM coordinate system; NAD 83 horizontal datum; NAVD 88 vertical datum; Meters unit of measure; ESRI Shapefile vector data file format and GeoTIFF raster data file format, though other settings and file formats may be available. The production date of this data set is generally 2005. The source of this data is generally produced from Orthoimagery.
  </abstract>
  <purpose>
    The "Purpose" is a summary of the intentions with which the data set was developed. This is an incomplete metadata record and purpose is not documented through the Ramona system.
  </purpose>
</metadata>
```

intended to help users jump-start their metadata efforts if they do not currently have metadata.

Download Started Metadata

The metadata is provided as a standards-based XML file that can be imported into several metadata/GIS software or text editing packages for your use and completion. Each data layer documented in the system has a metadata tab to download the metadata file.

Geography

default geography | change geography

Metadata

☒ publish to GOS **download metadata**

full metadata web address/URL (max 255 chars)

The National States Geographic Information Council strongly supports the full CSDGM standard and encourages users to add appropriate information to make your metadata fully compliant.

Posting Metadata to GOS

Ramona also posts the metadata to a web folder that is harvested by [Geospatial One Stop](http://www.geodata.gov) (GOS) (www.geodata.gov). Users that already create metadata and post it to a data clearinghouse that is harvested by the GOS Portal can easily "opt-out" of metadata creation in Ramona by un-clicking on the appropriate box under each data layer.

Geography

default geography | change geography

Metadata

☒ publish to GOS download metadata

full metadata web address/URL (max 255 chars)

NDOP and NDEP

In addition to the GOS Portal, your metadata on digital elevation data and orthoimagery is also shared with the Federal Emergency Management Agency (FEMA) for their flood map modernization program and the [National Digital Orthophoto Program](#) (NDOP) and the [National Digital Elevation Program](#) (NDEP). This is done as a service to the users of Ramona to decrease the number of data inventories conducted by the Federal Government.

BEST PRACTICE: Posting information with the GOS Portal and other programs may result in possible partnerships for your data production efforts. Keeping them informed of your status by actively maintaining your Ramona account is a good practice, and please always keep your Statewide GIS Coordination Council informed about partnership opportunities.

